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From: Armstrong, Joan
Sent: Tue 1/21/2014 1:55:04 PM
Subject: New Freedom's MSDSs
[Crude Glycerin Recovered rev# 1.pdf](#)
[RDC-777.pdf](#)
[Ammonium lignosulfonate.pdf](#)
[Calcium chloride \(35%\) rev# 3.pdf](#)
[Calcium chloride\(M-I LLC\).pdf](#)
[Magnaflow 156.pdf](#)
[MAGNAFLOC 368 \(BASF\).pdf](#)
[MAGNAFLOC 455 US.pdf](#)
[Soda ash.pdf](#)
[Zetag 7645.pdf](#)

Hi Craig,

I am emailing you to request HQ's assistant in reviewing the MSDSs provided by New Freedom Industries on Friday, January 17.

As you may recall, Region III received a copy of the Tier II from the State of West Virginia. There are 10 chemicals listed on the Tier II. We requested the MSDSs from the State of West Virginia and received one for MCHM (the material that spilled). West Virginia did not send us an MSDS for any of the other chemicals listed on the Tier II, although I had indicated last week that the MSDS for the Crude Glycerin came from WV, it did not. We then followed our normal protocol when we cannot obtain the MSDS from the state or the company, and conducted a search of the chemicals based on the information provided by New Freedom on their Tier II (i.e., CAS #, chemical name, etc.). It was from that search that we obtained an MSDS for the Crude Glycerin which showed <10% MONG (which contained animal fat, vegetable oil or biodiesel) (This is the MSDS I sent to HQ).

On Friday, the OSC on site was able to get copies of the MSDS for the chemicals listed on the Tier II directly from New Freedom. The MSDS for the Crude Glycerin shows 80-95% glycerin and 5-20% water. The MSDS is generated by New Freedom itself.

I am attaching the MSDSs for chemicals listed on the Tier II (except for the MCHM – which HQ

already has). I am requesting that HQ's weigh in on whether any of these substances contain an oil.

Please feel free to give me a call to discuss this further.

Joan Armstrong

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